

# SEQUENCE LISTING

<110> CHODOSH, Lewis  
GARDNER, H

<120> PREGNANCY UP-REGULATED, NONUBIQUITOUS CaM KINASE

<130> 22253-70422

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<150> 60/257,073

<151> 2000-12-21

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<170> PatentIn Ver. 2.1

<210> 1

<211> 1554

<212> DNA

<213> Murinae gen. sp.

<400> 1

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<210> 2

<211> 343

<212> PRT

<213> Murinae gen. sp.

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```

```

Gln Glu Arg Gly Ser Ala His Leu Val Ala Leu Lys Cys Ile Pro Lys
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```

Lys Ala Leu Arg Gly Lys Glu Ala Leu Val Glu Asn Glu Ile Ala Val
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```

Leu Arg Arg Ile Ser His Pro Asn Ile Val Ala Leu Glu Asp Val His
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```

```

Glu Ser Pro Ser His Leu Tyr Leu Ala Met Glu Leu Val Thr Gly Gly
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Glu Leu Phe Asp Arg Ile Met Glu Arg Gly Ser Tyr Thr Glu Lys Asp
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Ser Leu Gly Ile Val His Arg Asp Leu Lys Pro Glu Asn Leu Leu Tyr
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Ser Lys Ile Gln Ala Gly Asn Met Leu Gly Thr Ala Cys Gly Thr Pro
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 oligonucleotide primer PTKIIa

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<210> 8

<211> 343

<212> PRT

<213> Homo sapiens

<400> 8

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Met Leu Leu Leu Lys Lys His Thr Glu Asp Ile Ser Ser Val Tyr Glu
  1             5             10             15

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      20             25             30

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      85             90             95

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      100            105            110

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      115            120            125

```

Ser Leu Gly Ile Val His Arg Asp Leu Lys Pro Glu Asn Leu Leu Tyr  
 130 135 140

Ala Thr Pro Phe Glu Asp Ser Lys Ile Met Val Ser Asp Phe Gly Leu  
 145 150 155 160

Ser Lys Ile Gln Ala Gly Asn Met Leu Gly Thr Ala Cys Gly Thr Pro  
 165 170 175

Gly Tyr Val Ala Pro Glu Leu Leu Glu Gln Lys Pro Tyr Gly Lys Ala  
 180 185 190

Val Asp Val Trp Ala Leu Gly Val Ile Ser Tyr Ile Leu Leu Cys Gly  
 195 200 205

Tyr Pro Pro Phe Tyr Asp Glu Ser Asp Pro Glu Leu Phe Ser Gln Ile  
 210 215 220

Leu Arg Ala Ser Tyr Glu Phe Asp Ser Pro Phe Trp Asp Asp Ile Ser  
 225 230 235 240

Glu Ser Ala Lys Asp Phe Ile Arg His Leu Leu Glu Arg Asp Pro Gln  
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Lys Arg Phe Thr Cys Gln Gln Ala Leu Arg His Leu Trp Ile Ser Gly  
 260 265 270

Asp Thr Ala Phe Asp Arg Asp Ile Leu Gly Ser Val Ser Glu Gln Ile  
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Arg Lys Asn Phe Ala Arg Thr His Trp Lys Arg Ala Phe Asn Ala Thr  
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Ser Phe Leu Arg His Ile Arg Lys Leu Gly Gln Ile Pro Glu Gly Glu  
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Gly Ala Ser Glu Gln Gly Met Ala Arg His Ser His Ser Gly Leu Arg  
 325 330 335

Ala Gly Gln Pro Pro Lys Trp  
 340